

Receipt date: 11/13/2006

IAP5 Rec'd PCT/PTO 13 NOV 2006

PTO-1390 (Rev. 09-2006)

Approved for use through: 3/31/2007 OMB 0651-0021

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 7251/96026 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/593,386
INTERNATIONAL APPLICATION NO. PCT/GB2005/001709	INTERNATIONAL FILING DATE 4 May 2005	PRIORITY DATE CLAIMED 17 May 2004
TITLE OF INVENTION SYSTEM FOR SHIELDING INTEGRATED CIRCUITS		
APPLICANT(S) FOR DO/EO/US John Fleming Walker		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern documents or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/593,386		INTERNATIONAL APPLICATION NO. PCT/GB2005/001709		ATTORNEY'S DOCKET NUMBER 7251/96026	
20. Other items or information: International Search Report and Written Opinion of International Searching Authority					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0					
All other situation.....\$200					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100				\$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the USA by the IB.....\$400					
All other situations.....\$500					
TOTAL OF 21, 22 and 23 =				\$	0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) 37 CFR 1.492(j) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	-20 =		x \$50	\$	
Independent claims	-3 =		X \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				Amount to be charged:	\$

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0920. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be faxed to the USPTO.

ADVISORY: If filing by EFS-Web, do NOT attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please be advised that this is not recommended and by doing so your credit card information may be displayed via PAIR. To protect your information, it is recommended paying fees online by using the electronic payment method.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

L. Friedman
Welsh & Katz, Ltd.
120 South Riverside Plaza
22nd Floor
Chicago, IL 60606
(312) 655-1500 - Telephone
(312) 655-1501 - Facsimile
lfriedman@welshkatz.com


SIGNATURE

L. Friedman

NAME

37,135

REGISTRATION NUMBER

IA P6 Rec'd PCT/PTO 13 NOV 2006

Applicant: WALKER, John Fleming
Serial No.: 10/593,386
Title: SYSTEM FOR SHIELDING INTEGRATED CIRCUITS
371 Submission of: PCT/GB2005/001709
Filed 4 May 2005
Docket No. 7251/96026

Certificate of Mailing

Date of Deposit: 8 November 2006

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail, postage prepaid, addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. This mailing includes form PTO-1390 Transmittal Letter (3 pgs.); Information Disclosure Statement (3 pgs.); forms PTO/SB/08a (2 pgs.) and PTO/SB/08b (1 pg.); copy of International Search Report (1 pg.) and copy of Written Opinion of International Searching Authority (5 pgs.); copy of each of listed documents except for US patents and US patent publications; and return receipt postcard.

The person mailing this paper is:

Carolyn R. Gutwaks

Typed or Printed Name of Person Mailing Paper of Fee



Signature of Person Mailing Paper of Fee

PATENT
7251/96026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	John Fleming Walker)
)
Serial No.:	10/593,386)
)
371 Submission of PCT/GB2005/001709)
Filed 4 May 2005)
)
For:	SYSTEM FOR SHIELDING)
	INTEGRATED CIRCUITS)
)

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant submits a list of documents, general remarks, attached Forms PTO/SB/08a and 08b, and a copy of each of the listed documents except for the U.S. patents and U.S. patent publications.

<u>U.S. Patent Number</u>	<u>Date of Issue</u>	<u>Inventor</u>
4,214,918	29 July 1980	Gat et al.
4,583,011	15 April 1986	Pechar
4,766,516	23 August 1988	Ozdemir et al.
4,920,402	24 April 1990	Nakaya et al.
5,336,624	09 August 1994	Walden
5,468,990	21 November 1995	Daum
5,783,846	21 July 1998	Baukus et al.
5,821,582	13 October 1998	Daum
5,824,571	20 October 1998	Rollender et al.

John Fleming Walker
 Serial No. 10/593,386
 Page 2

<u>U.S. Patent Number</u>	<u>Date of Issue</u>	<u>Inventor</u>
5,866,933	02 February 1999	Baukus et al.
5,883,000	16 March 1999	Pasch
5,930,663	27 July 1999	Baukus et al.
5,973,375	26 October 1999	Baukus et al.
6,064,110	16 May 2000	Baukus et al.
6,117,762	12 September 2000	Baukus et al.
6,294,816	25 September 2001	Baukus et al.
6,360,321	19 March 2002	Gressel et al.
6,496,119	17 December 2002	Otterstedt et al.
6,515,304	04 February 2003	Kash et al.
6,613,661	02 September 2003	Baukus et al.
6,720,656	13 April 2004	Matsumoto

<u>U.S. Patent Publication</u>	<u>Date of Publication</u>	<u>Inventor</u>
US 2001/0033012 A1	25 October 2001	Kömmerring et al.
US 2002/0173131 A1	21 November 2002	Clark, Jr. et al.

<u>Foreign Patent Documents</u>	<u>Date of Publication</u>	<u>Country</u>
WO 97/29567	14 August 1997	PCT
WO 01/50530	12 July 2001	PCT
WO 01/54194	26 July 2001	PCT
0 585 601	09 March 1994	EP
0 940 851	08 September 1999	EP

Non-Patent Documents

Sonntag et al., "Infineon Introduces Chip Card Controllers for Improved Security of Electronic Identity Cards and Passports" (Infineon Technologies AG, 7 Jul 2004), available on the World Wide Web at:
www.infineon.com/cgi/ecrm.dll/jsp/showfrontend.do?lang=EN&BV_SessionID=@@@&0590998578.1109855404@@@&BV_EngineID=ccchaddmlfiddkcfllgcegnfdffdfh.0&content_type=NEWS&content_oid=107623&news_nav_oid=-9979

John Fleming Walker
Serial No. 10/593,386
Page 3

Some of the above-listed documents were identified in the International Search Report for the captioned application. A copy of the International Search Report and a copy of the Written Opinion of the International Searching Authority are attached.

It is respectfully requested that the above documents be given consideration by the Examiner and made of record in the captioned patent application.

Respectfully submitted,
WELSH & KATZ, LTD.

8 November 2006

By



L. Friedman
Registration No. 37,135

WELSH & KATZ, LTD
120 South Riverside Plaza, 22nd Floor
Chicago, IL 60606
Phone: (312) 655-1500
Fax: (312) 655-1501

PTO/SB/08a (08-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/593,386
Filing Date	
First Named Inventor	John Fleming Walker
Art Unit	
Examiner Name	
Attorney Docket Number	7251/96026

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	us-4,214,918	07/29/1980	Gat et al.	
	B	us-4,583,011	04/15/1986	Pechar	
	C	us-4,766,516	08/23/1988	Ozdemir et al.	
	D	us-4,920,402	04/24/1990	Nakaya et al.	
	E	us-5,336,624	08/09/1994	Walden	
	F	us-5,468,990	11/21/1995	Daum	
	G	us-5,783,846	07/21/1998	Baukus et al.	
	H	us-5,821,582	10/13/1998	Daum	
	I	us-5,824,571	10/20/1998	Rollender et al.	
	J	us-5,866,933	02/02/1999	Baukus et al.	
	K	us-5,883,000	03/16/1999	Pasch	
	L	us-5,930,663	07/27/1999	Baukus et al.	
	M	us-5,973,375	10/26/1999	Baukus et al.	
	N	us-6,064,110	05/16/2000	Baukus et al.	
	O	us-6,117,762	09/12/2000	Baukus et al.	
	P	us-6,294,816	09/25/2001	Baukus et al.	
	Q	us-6,360,321	03/19/2002	Gressel et al.	
	R	us-6,496,119	12/17/2002	Otterstedt et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code ² "Number" "Kind Code" (if known)				
	AA	WO 97/129567	08/14/1997	Gressel et al.		
	BB	WO 01/50530	07/12/2001	Kommerling et al.		
	CC	WO 01/54194	07/26/2001	Mangell		
	DD	EP 0 585 601	03/09/1994	Baukus		
	EE	EP 0 940 851	09/08/1999	Baukus		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Dis/ (02/24/2009)

Examiner Signature	/Dung A. Le/ (02/24/2009)	Date Considered	
--------------------	---------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.FormsWorkflow.com

PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/593,386
Filing Date	
First Named Inventor	John Fleming Walker
Art Unit	
Examiner Name	
Attorney Docket Number	7251/96026

Sheet 2 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	S	us- 6,515,304	02/04/2003	Kash et al.	
	T	us- 6,613,661	09/02/2003	Baukus et al.	
	U	us- 6,720,656	04/13/2004	Matsumoto	
	V	us- 2001/0033012 A1	10/25/2001	Kommerling et al.	
	W	us- 2002/0173131 A1	11/21/2002	Clark, Jr, et al.	
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Dis/ (02/24/2009)					
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	* ⁴
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				

Examiner Signature	/Dung A. Le/ (02/24/2009)	Date Considered	
--------------------	---------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

3

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Die/ (02/24/2009)

Considered

American LegalNet, Inc.
www.FormsWorkflow.com